

DSPIC33EP128MC506-E/MR



Part Number: [DSPIC33EP128MC506-E/MR](#)

Manufacturer: [Micrel / Microchip Technology](#)

Description: IC MCU 16BIT 128KB FLASH 64QFN

Data sheet:  [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x](#)
 [dsPIC\(33,24\)EPzzz\(GP,MC\)20x,50x Errata](#)

RoHs Status: Lead free / RoHS Compliant

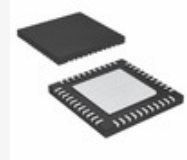
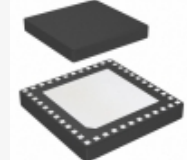
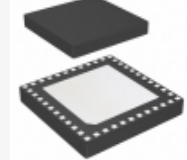
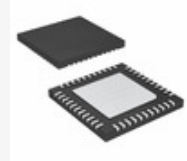
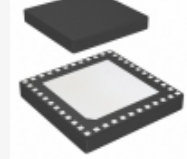
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Request For Quotation

PRODUCT PARAMETER			
Part Number	DSPIC33EP128MC506-E/MR	Manufacturer	Micrel / Microchip Technology
Description	IC MCU 16BIT 128KB FLASH 64QFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	26960 pcs	Data sheet	dsPIC(33,24)EPzzz(GP,MC)20x,50x dsPIC(33,24)EPzzz(GP,MC)20x,50x Errata
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	3 V ~ 3.6 V
Supplier Device Package	64-QFN (9x9)	Speed	60 MIPs
Series	dsPIC™ 33EP	RAM Size	8K x 16
Program Memory Type	FLASH	Program Memory Size	128KB (43K x 24)
Peripherals	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT	Packaging	Tube
Package / Case	64-VFQFN Exposed Pad	Oscillator Type	Internal
Operating Temperature	-40°C ~ 125°C (TA)	Number of I/O	53
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Manufacturer Standard Lead Time	11 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	EEPROM Size	-
Detailed Description	dsPIC dsPIC™ 33EP Microcontroller IC 16-Bit 60 MIPs 128KB (43K x 24) FLASH 64-QFN (9x9)	Data Converters	A/D 16x10b/12b
Core Size	16-Bit	Core Processor	dsPIC
Connectivity	CANbus, I²C, IrDA, LINbus, QEI, SPI, UART/USART	Base Part Number	DSPIC33EP128MC506
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RELATED PRODUCTS			
	Part#: DSPIC33EP128MC506-H/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP128MC506-H/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC504T-E/TL Description: IC MCU 16BIT 128KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP128MC506T-I/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP128MC506-E/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC504-I/PT Description: IC MCU 16BIT 128KB FLASH 44TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
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	Part#: DSPIC33EP128MC506T-I/PT Description: IC MCU 16BIT 128KB FLASH 64TQFP	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MU202-E/MM Description: IC DSC 16BIT 128KB FLASH	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC506-I/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC504T-I/TL Description: IC MCU 16BIT 128KB FLASH 44VTLA	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC504T-I/MV Description: IC MCU 16BIT 128KB FLASH 48UQFN	Manufacturers: Micrel / Microchip Technology	RFQ
	Part#: DSPIC33EP128MC506T-E/MR Description: IC MCU 16BIT 128KB FLASH 64QFN	Manufacturers: Micrel / Microchip Technology	RFQ

Related keywords for DSPIC33EP128MC506-E/MR

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